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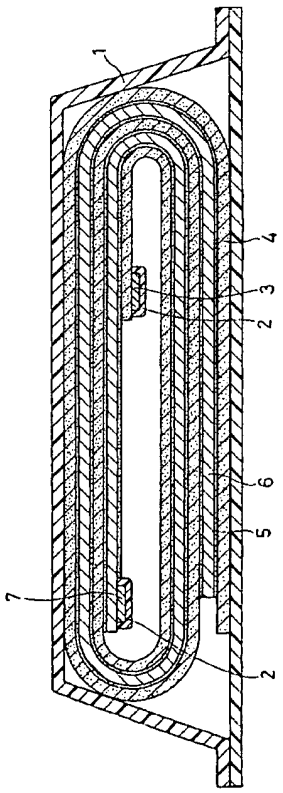
(54) Lithium polymer battery and method for producing the same

(57) In order to improve a storage stability at high temperatures of a lithium polymer battery including: a positive electrode (4) comprising a lithium-containing complex oxide; a negative electrode (6) comprising a material capable of absorbing and desorbing a lithium ion; and a separator (5) comprising a liquid organic electrolyte and a host polymer retaining the liquid organic electrolyte, the separator is rendered homogeneous and excellent in the affinity with the organic electrolyte by using a crosslinked copolymer having a main-chain comprising a vinylidene fluoride unit and a side-chain comprising an alkylene oxide unit and at least one of an acrylate unit and methacrylate unit as the host polymer.

FIG. 1



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